

Day : Thursday  
Date: 12/22/2005

Time: 14:48:16



**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = HANNICH

First Name = MANUELA

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09214058</u> x	<u>6231843</u>	250	12/28/1998	HAIR SHAMPOO HAVING GLOSS-ENHANCING PROPERTIES	HANNICH, MANUELA
<u>10125824</u> x	Not Issued	41	04/19/2002	Hair styling stick containing polyethylene glycols of different molecular weights	HANNICH, MANUELA
<u>10247180</u> y	Not Issued	71	09/19/2002	Sprayable hair gels	HANNICH, MANUELA
<u>10435953</u> j	Not Issued	41	05/12/2003	Aerosol foam or pump foam product for hair treatment	HANNICH, MANUELA
<u>10606046</u>	Not Issued	71	06/25/2003	Aerosol foam product for hair treatment	HANNICH, MANUELA
<u>10704266</u> x	Not Issued	30	11/07/2003	Hair wax products containing polyethylene glycol waxes and hydrophobic materials	HANNICH, MANUELA
<u>11045451</u> x No known parties	Not Issued	30	01/28/2005	Emulsion-form hair treatment compositions containing solid particles	HANNICH, MANUELA
<u>11074284</u> j	Not Issued	30	03/07/2005	Sprayable hair gels	HANNICH, MANUELA
<u>11103252</u> x No known parties	Not Issued	30	04/11/2005	Hair treatment compositions containing itaconic acid mono-ester/acrylate copolymer and polystyrene sulfonate	HANNICH, MANUELA

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="HANNICH"/>	<input type="text" value="MANUELA"/>	

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Day : Thursday  
Date: 12/22/2005

Time: 14:48:10

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = HENZE

First Name = HILDEGARD

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>07415286</u>	<u>5037632</u>	150	08/23/1989	COMPOSITION FOR THE STRENGTHENING OF THE HAIRDO AND THE CARE OF HAIR	HENZE, HILDEGARD
<u>07634173</u>	Not Issued	161	12/18/1990	FOAMY COMPOSITION FOR THE TREATMENT OF HAIR AND METHOD FOR THE PRODUCTION THEREOF	HENZE, HILDEGARD
<u>09629954</u> ✓	<u>6383477</u>	150	08/01/2000	Volume-imparting hair treatment compositions	HENZE, HILDEGARD
<u>09788949</u> ✓	Not Issued	161	02/20/2001	Gel composition and thickened hair treatment composition	HENZE, HILDEGARD
<u>10247180</u> ✓	Not Issued	71	09/19/2002	Sprayable hair gels	HENZE, HILDEGARD
<u>10606046</u>	Not Issued	71	06/25/2003	Aerosol foam product for hair treatment	HENZE, HILDEGARD
<u>11074284</u> x	Not Issued	30	03/07/2005	Sprayable hair gels	HENZE, HILDEGARD

**Inventor Search Completed:** No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="HENZE"/>	<input type="text" value="HILDEGARD"/>	<input type="button" value="Search"/>

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Day : Thursday  
Date: 12/22/2005

Time: 14:48:03

# PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = FRANZKE

First Name = MICHAEL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08351369</u>	Not Issued	161	12/08/1994	COMPOSITION FOR TREATING HAIR	FRANZKE, MICHAEL
<u>08596207</u>	Not Issued	161	02/06/1996	HAIR FIXING COMPOSITION	FRANZKE, MICHAEL
<u>08647825</u>	Not Issued	161	05/15/1996	AQUEOUS HAIR TREATMENT COMPOSITION CONTAINING A THICKENER AND A WATER- SOLUBLE HAIR FIXING POLYMER	FRANZKE, MICHAEL
<u>08664115</u>	5879669	150	06/14/1996	AQUEOUS HAIR FIXING COMPOSITION-CONTAINING A WATER-SOLUBLE HAIR FIXING POLYMER AND A THICKENER	FRANZKE, MICHAEL
<u>08883924</u>	6068835	150	06/27/1997	COSMETIC COMPOSITIONS FOR HAIR TREATMENT-CONTAINING DENDRIMERS OR DENDRIMER CONJUGATES	FRANZKE, MICHAEL
<u>08930213</u>	5958395	150	10/06/1997	COSMETIC PREPARATION CONTAINING ILEX RESIN, METHOD OF OBTAINING ILEX AND ILEX RESIN OBTAINED THEREBY	FRANZKE, MICHAEL
<u>08937306</u>	5965146	150	09/17/1997	COSMETIC COMPOSITIONS CONTAINING WATER INSOLUBLE FIBERS	FRANZKE, MICHAEL
<u>08956063</u>	6214319	150	10/22/1997	HAIR TREATMENT COMPOSITION FOR FIXING HAIR	FRANZKE, MICHAEL
<u>09196037</u>	6156298 ✓	150	11/19/1998	HAIR TREATMENT COMPOSITIONS FOR PROMOTING LUSTER AND STYLABILITY	FRANZKE, MICHAEL
<u>09204846</u>	Not Issued	161	12/03/1998	COSMETIC COMPOSITIONS FOR HAIR TREATMENT-CONTAINING DENDRIMERS OR DENDRIMER CONJUGATES	FRANZKE, MICHAEL
<u>09312084</u>	6210660	150	05/15/1999	COSMETIC PREPARATION CONTAINING ILEX-RESIN-METHOD FOR OBTAINING ILEX RESIN AND ILEX RESIN WHICH CAN BE OBTAINED BY THIS METHOD	FRANZKE, MICHAEL

Not a Family

<u>09448123</u> ✓	6328950	150	11/24/1999	PIGMENT-CONTAINING FOAMABLE GEL AND DEVICE PRODUCING A FOAM FROM SAID GEL	FRANZKE, MICHAEL
<del>09577535</del>	<del>6368581</del>	<del>150</del>	<del>05/24/2000</del>	<del>Hair styling oil</del>	FRANZKE, MICHAEL
<u>09629954</u> ✓	6383477	150	08/01/2000	Volume-imparting hair treatment compositions	FRANZKE, MICHAEL
<del>09788949</del>	<del>Not Issued</del>	<del>161</del>	<del>02/20/2001</del>	<del>Gel composition and thickened hair treatment composition</del>	FRANZKE, MICHAEL
<u>09954581</u>	<del>Not Issued</del>	168	09/17/2001	<del>Hair styling sticks based on</del> polyethylene glycols of different molecular weights	FRANZKE, MICHAEL
<u>09968102</u>	6582679	150	10/01/2001	HAIR WAX PRODUCTS CONTAINING WAXES, NON-VOLATILE OILS AND VOLATILE HYDROPHOBIC MATERIALS	FRANZKE, MICHAEL
<u>10125824</u>	<del>Not Issued</del>	41	04/19/2002	<del>Hair styling stick containing polyethylene glycols of different molecular weights</del>	FRANZKE, MICHAEL
<u>10170091</u>	<del>Not Issued</del>	93	06/12/2002	HAIR WAX PRODUCT WITH REDUCED DENSITY	FRANZKE, MICHAEL
<u>10228408</u>	6716455	150	08/27/2002	HAIR-TREATMENT GELS CONTAINING ITACONIC ACID MONOESTER/ACRYLATE COPOLYMER	FRANZKE, MICHAEL
<del>10414717</del>	<del>Not Issued</del>	<del>41</del>	<del>04/16/2003</del>	<del>Hair wax products containing waxes, non-volatile oils and volatile hydrophobic materials</del>	FRANZKE, MICHAEL
<u>10435953</u> ✓	<del>Not Issued</del>	41	05/12/2003	Aerosol foam or pump foam product for hair treatment	FRANZKE, MICHAEL
<del>10606046</del>	<del>Not Issued</del>	71	06/25/2003	Aerosol foam product for hair treatment	FRANZKE, MICHAEL
<u>10704266</u>	<del>Not Issued</del>	30	11/07/2003	<del>Hair wax products containing polyethylene glycol waxes and hydrophobic materials</del>	FRANZKE, MICHAEL
<del>10989914</del>	<del>Not Issued</del>	<del>41</del>	<del>11/16/2004</del>	<del>Cosmetic preparation in gel form</del>	FRANZKE, MICHAEL
<u>11028365</u>	<del>Not Issued</del>	40	01/03/2005	Hair wax product with reduced density	FRANZKE, MICHAEL
<u>11042231</u>	<del>Not Issued</del>	<del>20</del>	01/25/2005	<del>Hair wax products containing silicone wax, silicone-free wax and oils</del>	FRANZKE, MICHAEL
<u>11045451</u>	<del>Not Issued</del>	30	01/28/2005	<del>Emulsion-form hair treatment compositions containing solid particles</del>	FRANZKE, MICHAEL
<u>11047116</u>	<del>Not Issued</del>	30	01/31/2005	Microemulsions, especially for skin or hair treatment	FRANZKE, MICHAEL
<u>11180024</u> <i>zel</i>	<del>Not Issued</del>	30	07/12/2005	Hairstyling gels with light protective action for skin and hair	FRANZKE, MICHAEL

Inventor Search Completed: No Records to Display.

Day : Thursday  
Date: 12/22/2005

Time: 14:47:55

 **PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = WENDEL

First Name = HARALD

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06507124</u>	<u>4528283</u>	150	06/23/1983	COSMETIC COMPOSITION BASED UPON CHITOSAN DERIVATIVES, NEW CHITOSAN DERIVATIVES AS WELL AS PROCESSES FOR THE PRODUCTION THEREOF	WENDEL, HARALD
<u>06634100</u>	<u>4822598</u>	150	07/20/1984	COSMETIC AGENT ON THE BASIS OF QUATERNARY CHITOSAN DERIVATIVES, NOVEL QUATERNARY CHITOSAN DERIVATIVES AS WELL AS PROCESSES FOR MAKING SAME	WENDEL, HARALD
<u>06818818</u>	<u>4772689</u>	150	01/14/1986	QUATERNARY HYDROXY-PROPYL-SUBSTITUTED CHITOSAN DERIVATIVES, COSMETIC COMPOSITIONS BASED THEREON AND PROCESSES FOR THE PRODUCTION THEREOF	WENDEL, HARALD
<u>06822623</u>	<u>4772690</u>	150	01/24/1986	QUATERNARY HYDROXYETHYL-SUBSTITUTED CHITOSAN DERIVATIVES, COSMETIC COMPOSITIONS BASED THEREON AND PROCESSES FOR THE PRODUCTION THEREOF	WENDEL, HARALD
<u>06933793</u>	<u>4780310</u>	150	11/21/1986	COSMETIC COMPOSITIONS BASED UPON N-HYDROXYPROPYL-CHITOSANS, NEW N-HYDROXYPROPYL-CHITOSANS, AS WELL AS PROCESSES FOR THE PRODUCTION THEREOF	WENDEL, HARALD
<u>06948352</u>	Not Issued	161	11/17/1986	COSMETIC COMPOSITION BASED ON QUATERNARY HYDROXYALKYL-SUBSTITUTED CHITOSAN DERIVATIVES	WENDEL, HARALD
<u>07134779</u>	<u>4931271</u>	150	12/18/1987	COSMETIC COMPOSITIONS BASED UPON N-HYDROXYBUTYL-CHITOSANS, N- HYDROXYBUTYL-CHITOSANS AS WELL AS PROCESSES FOR THE PRODUCTION THEREOF	WENDEL, HARALD
<u>07136857</u>	<u>4938950</u>	250	12/22/1987	COSMETIC COMPOSITION BASED UPON CHITOSAN AND AMPHOLYTIC	WENDEL, HARALD

				COPOLYMERIZATES, AS WELL AS NEW CHITOSAN/POLYAMPHOLYTE SALTS	
<u>07176026</u>	Not Issued	161	03/30/1988	COSMETIC COMPOSITION BASED UPON CHITOSAN AND AMPHOLYTIC COPOLYMERIZATES, AS WELL AS NEW CHITOSAN/POLYAMPHOLYTE SALTS	WENDEL, HARALD
<u>07185868</u>	<u>4835266</u>	150	04/22/1988	COSMETIC COMPOSITIONS BASED UPON N-HYDROXYPROPYL-CHITOSANS, NEW N-HYDROXYPROPYL-CHITOSANS, AS WELL AS PROCESSES FOR THE PRODUCTION THEREOF	WENDEL, HARALD
<u>07274804</u>	<u>4976952</u>	150	11/14/1988	NEW MACROMOLECULAR, SURFACE-ACTIVE, QUATERNARY, N-SUBSTITUTED CHITOSAN DERIVATIVES AS WELL AS COSMETIC COMPOSITION BASED ON THESE NEW CHITOSAN DERIVATIVES	WENDEL, HARALD
<u>07298514</u>	<u>4921949</u>	150	03/08/1989	PROCESS FOR MAKING QUATERNARY CHITOSAN DERIVATIVES FOR COSMETIC AGENTS	WENDEL, HARALD
<u>07415286</u>	<u>5037632</u>	150	08/23/1989	COMPOSITION FOR THE STRENGTHENING OF THE HAIRDO AND THE CARE OF HAIR	WENDEL, HARALD
<u>08122609</u>	Not Issued	166	09/30/1993	PROCESS FOR EXTRACTION OF APPLE WAX, APPLE WAX PRODUCED BY THE AFORE- MENTIONED PROCESS AS WELL AS COSMETIC COMPOSITIONS CONTAINING APPLE WAX	WENDEL, HARALD
<u>08596207</u>	Not Issued	161	02/06/1996	HAIR FIXING COMPOSITION	WENDEL, HARALD
<u>08598632</u>	<u>5587174</u>	150	02/12/1996	COSMETIC COMPOSITION FOR TREATING SKIN AND HAIR CONTAINING APPLE WAX AND METHODS OF MAKING THEM	WENDEL, HARALD
<u>08956063</u>	<u>6214319</u>	150	10/22/1997	HAIR TREATMENT COMPOSITION FOR FIXING HAIR	WENDEL, HARALD
<u>08984571</u>	Not Issued	161	12/03/1997	SILICONE-CONTAINING GEL FOR HAIR TREATMENT	WENDEL, HARALD
<u>09205163</u>	Not Issued	161	12/04/1998	HAIR TREATMENT COMPOSITIONS CONTAINING AT LEAST ONE POLYURETHANE AND AT LEAST ONE POLYMER OF NATURAL ORIGIN AND METHOD OF MAKING AN IMPROVED POLYURETHANE FILM ON KERATIN FIBERS, ESPECIALLY HAIR	WENDEL, HARALD
<u>09590649</u>	<u>6358493</u>	150	06/08/2000	Methods of performing cosmetic treatments with gasified solid particles and instant gel preparations containing the gasified solid particles	WENDEL, HARALD
<u>09954581</u>	Not	168	09/17/2001	Hair styling sticks based on polyethylene	WENDEL, HARALD

Not  
from  
7/2/2002

	Issued			glycols of different molecular weights	
<u>10125824</u>	Not Issued	41	04/19/2002	Hair styling stick containing polyethylene glycols of different molecular weights	WENDEL, HARALD
<u>10228408</u>	6716455	150	08/27/2002	<del>HAIR TREATMENT GELS CONTAINING</del> ITACONIC ACID MONOESTER/ACRYLATE COPOLYMER	WENDEL, HARALD
<u>10435953</u> ✓	Not Issued	41	05/12/2003	Aerosol foam or pump foam product for hair treatment	WENDEL, HARALD
<u>10606046</u>	Not Issued	71	06/25/2003	Aerosol foam product for hair treatment	WENDEL, HARALD
<u>10732006</u>	Not Issued	30	12/09/2003	Product containing a clear hair lotion sprayable as an aerosol spray	WENDEL, HARALD
<u>10989914</u>	Not Issued	41	11/16/2004	Cosmetic preparation in gel form	WENDEL, HARALD

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="WENDEL"/>	<input type="text" value="HARALD"/>	

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Day : Thursday  
Date: 12/22/2005

PALM INTRANET

Time: 14:46:37

**Inventor Name Search Result**

Your Search was:

Last Name = BIRKEL

First Name = SUSANNE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08536236</u>	<u>6384108</u>	150	09/29/1995	WATERFAST INK JET INKS CONTAINING AN EMULSIFIABLE POLYMER RESIN	BIRKEL, SUSANNE
<u>08567464</u>	<u>5626654</u>	150	12/05/1995	INK COMPOSITIONS CONTAINING LIPOSOMES	BIRKEL, SUSANNE
<u>08799946</u>	<u>5788749</u>	150	02/14/1997	PIGMENTED INK COMPOSITIONS CONTAINING LIPOSOMES	BIRKEL, SUSANNE
<u>08937306</u>	<u>5965146</u>	150	09/17/1997	COSMETIC OMPOSITIONS COINTAINING WATER INSOLUBLE FIBERS	BIRKEL, SUSANNE
<u>09367338</u>	<u>6479057</u>	150	08/11/1999	COSMETIC COMPOSITIONS CONTAINING INORGANIC-ORGANIC HYBRID PREPOLYMERS AND METHODS OF TREATING HAIR, SKIN OR NAILS USING SAME	BIRKEL, SUSANNE
<u>09562214</u>	<u>6372203</u>	150	04/28/2000	HAIR TREATMENT COMPOSITIONS WITH POLYMERS MADE FROM UNSATURATED SACCHARIDES, UNSATURATED SACCHARIC ACIDS OR THEIR DERIVATIVES	BIRKEL, SUSANNE
<u>09590649</u>	<u>6358493</u>	150	06/08/2000	Methods of performing cosmetic treatments with gasified solid particles and instant gel preparations containing the gasified solid particles	BIRKEL, SUSANNE
<u>09629954</u>	<u>6383477</u>	150	08/01/2000	Volume-imparting hair treatment compositions	BIRKEL, SUSANNE
<u>09729014</u>	<u>6475475</u>	150	12/04/2000	POLYMER INGREDIENT COMBINATIONS FOR HAIR TREATMENT COMPOSITIONS	BIRKEL, SUSANNE
<u>09788949</u>	Not Issued	161	02/20/2001	Gel composition and thickened hair treatment composition	BIRKEL, SUSANNE
<u>09954581</u>	Not Issued	168	09/17/2001	Hair styling sticks based on polyethylene glycols of different molecular weights	BIRKEL, SUSANNE
<u>09981211</u>	<u>6623727</u>	150	10/17/2001	SOLID, FORM-STABLE GELS FOR HAIR TREATMENT	BIRKEL, SUSANNE



<u>09992093</u>	<u>6589510</u> ✓	150	11/06/2001	VOLUME-IMPARTING HAIR TREATMENT PRODUCT FOR STRENGTHENING THE HAIR SHAFT	BIRKEL, SUSANNE
<u>10125824</u>	Not Issued	41	04/19/2002	Hair styling stick containing polyethylene glycols of different molecular weights	BIRKEL, SUSANNE
<u>10228408</u>	<u>6716455</u>	150	08/27/2002	HAIR TREATMENT GELS CONTAINING ITACONIC ACID MONOESTER/ACRYLATE COPOLYMER	BIRKEL, SUSANNE
<u>10423405</u>	Not Issued	41	04/25/2003	Water-free hairstyling gels	BIRKEL, SUSANNE
<u>10435953</u> ✓	Not Issued	41	05/12/2003	Aerosol foam or pump foam product for hair treatment	BIRKEL, SUSANNE
<u>10510889</u>	Not Issued	30	06/30/2005	Method for achieving shape memory effects on hair by combining shape memory polymers with cationic active ingredients	BIRKEL, SUSANNE
<u>10606046</u>	Not Issued	71	06/25/2003	Aerosol foam product for hair treatment	BIRKEL, SUSANNE
<u>10732006</u>	Not Issued	30	12/09/2003	Product containing a clear hair lotion sprayable as an aerosol spray	BIRKEL, SUSANNE
<u>10989914</u>	Not Issued	41	11/16/2004	Cosmetic preparation in gel form	BIRKEL, SUSANNE
<u>11103252</u>	Not Issued	30	04/11/2005	Hair treatment compositions containing itaconic acid mono-ester/acrylate copolymer and polystyrene sulfonate	BIRKEL, SUSANNE
<u>11180024</u>	Not Issued	30	07/12/2005	Hairstyling gels with light protective action for skin and hair	BIRKEL, SUSANNE
<u>11214962</u>	Not Issued	20	08/30/2005	Hair treatment composition containing a combination of at least three different polymers	BIRKEL, SUSANNE

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	
	BIRKEL	SUSANNE	<input type="button" value="Search"/>

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## Refine Search

### Search Results -

Terms	Documents
hannich.in. near manuela	21

Database:

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

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### Search History

DATE: Thursday, December 22, 2005

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**Set Name** **Query**  
 side by side

**Hit Count** **Set Name**  
 result set

*DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR*

<u>L4</u>	hannich.in. near manuela	21	<u>L4</u>
<u>L3</u>	wendel.in. near harald	58	<u>L3</u>
<u>L2</u>	birkel.in. near susanne	77	<u>L2</u>
<u>L1</u>	franzke.in. near michael	69	<u>L1</u>

END OF SEARCH HISTORY

## The Contents of Case 10606046

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Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	(polyquaternium near 7)	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q2	Q1 and (Luviflex or Luviquat)	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q3	Q1 and (Luviflex or Luvimer)	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q4	Q1 and (alkylacrylate near methacrylic)	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q5	Q1 and hair	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q6	Q5 and propellant	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q7	Q6 and foam\$	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q8	Q1 same propellant	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q9	DE3217059	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES
Q10	3217059	EPAB,JPAB,DWPI	None	OR	YES
Q11	US-4761273-A.did.	USPT	None	OR	YES
Q12	Q7 and (Luviflex or Luviquat or MAA/EA)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q13	Q1 and ( MAA/EA)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q14	( MAA/EA)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q15	methacrylic acid near ethyl near acrylate	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q16	methacrylic acid near ethyl near acrylate	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q17	Q16 and Q1 methacrylic	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q18	near acid near ethyl near acrylate	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q19	Q18 and Q1	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q20	Q1 and (AQUA	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES

	near SF)					
Q21	Q1 and (carbopol)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q22	Q21 and hair	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q23	Q22 and propellant	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q24	Q1 same carbopol	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q25	Q1 same luvaskol	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q26	Q1 same PVA/VA	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q27	dialkyldiallyl near ammonium near chloride	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q28	luvimer	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q29	Q28 and polyquaternium	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q30	Q28 and merquat	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q31	Q1 same polyquaternium near (11 or 4 or 44 or 46)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q32	Q1 same (polyquaternium near (11 or 4 or 44 or 46))	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q33	Q32 and hair	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q34	Q32 same cationic	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q35	Q34 and hair	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q36	US-4761273-A.did.	USPT	None	OR	YES	
Q37	6231844.pn. and anionic	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES	
Q38	Ethyl near Ether near2 PVM/MA	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES	
Q39	Ethyl near Ether near2 PVM/MA	PGPB,USPT,EPAB,JPAB,DWPI	None	OR	YES	
Q40	Q1 and (MAA/EA)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q41	polyquaternium and (MAA/EA)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	
Q42	polyquaternium and (MAA/EA)	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES	

Q43	polyquaternium near 6	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q44	Q43 and Iuvimer	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q45	Q1 same (polyquaternium near (39 or 46))	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q46	Q1 same (polyquaternium near (39 ))	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q47	Q46 and hair	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES
Q48	Q47 and propellant	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	None	OR	YES

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